ABSTRACT OF THE DISCLOSURE

The present invention relates to a multimedia query using a histogram, and more particularly, to a method for configuring a histogram which provides interoperability between histograms configured by non-uniform bin quantization using bits of a different number, and provides progressive bit processing for keeping a constant performance even when using the front parts of total bits of each bin value in the order of time series.

A histogram includes threshold values used in representing the number of n of bits for securing interoperability, capable of comparing the histograms represented by the number of bits which are differ from each other, including necessarily threshold values used in representing the number of N'(N'<N) of bits, when bin value is represented with the number of N of bits by quantization in order to query multimedia using histogram. Also, the histogram includes n-th bit represented by quantization of bin value, wherein the nth bit bisects the respective regions divided into (N-1)th bit in order to perform a progressive bit processing capable of retrieving by using only a bit, which is smaller than N, when bin value is represented with the number of N of bits by quantization in order to query multimedia using histogram.